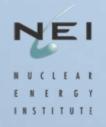
# Status of New Reactor and Combined License Issues

Industry Briefing of NRC Commission
August 22, 2007



## **Industry Participants**

- Marvin Fertel, Senior Vice President and Chief
   Nuclear Officer, NEI
- Christopher Crane, President and Chief Nuclear
   Officer, Exelon Nuclear
- Dave Christian, Senior Vice President and Chief
   Nuclear Officer, Dominion Generation



## **Discussion Topics**

- Key policy issues
- COL issues
  - Completion of rulemakings and guidance
- Critical industry activities
- The next 12 months
  - Completion of near-term priorities



# **Key Policy Issues**

- Publish Part 26 Rulemaking
- Issue Notice of Hearing after docketing each portion of an application
  - Facilitates the potential for earlier operational date
- Recognition of EP adequacy for a new unit at an existing operating site
- Affirm Waste Confidence position



### **COL** Issues

- Outstanding progress over past 10 months
- Limited number of open issues requiring closure...
  - Access Authorization
  - Digital I&C
  - New QA process for effluents
  - Radiological Protection
  - ISI/IST
  - PRA
- Commission directed transparency & accountability in the hearing process



# Completion of COL Related Rulemakings

#### Limited Work Authorization

- Will increase focus on safety-significant construction
- Foundation for earlier operational date

## Aircraft Impact

- Industry peer review of evaluations
- Industry taking action in advance of the rule

## Security - §73.55

 New designs incorporating insights from security evaluations on operating plants



# **Critical Industry Tasks**

- Industry orientation on lessons learned from recent construction
- Supply Chain
  - Focus on quality
    - Expanding NUPIC activities
  - Preventing Counterfeit/substandard parts
  - Broadening number of qualified vendors
- Workforce
  - Prime focus on skilled craft
  - Regional workforce groups
  - Establishing partnerships with community colleges



### **Critical Focus Areas**

- Preparation and review of COL and design certification applications
- Construction Inspection Program development
  - Defining the ITAAC closeout process
- Improving the environmental review process
- Next phase of regulatory guide updates
  - Rationale for making changes



## **Summary**

- Predictability, open communications and quality applications are essential for success
- Industry priorities
  - COL and design certification applications
  - Construction inspection & closeout
  - Completion of rulemakings
  - Waste confidence
- Next 12 months are critical for credibility

